

Assistant Commissioner for Patents
Washington D.C. 20231

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Honorable Assistant Commissioner for Patents.

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

a. Wolfgang Jantzen

2. Name and address of receiving party(ies):

a. ABB PATENT GmbH
Kallstadter Strasse 1
D-68309 Mannheim
GERMANY

3. Nature of conveyance:

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other	

Execution Date: February 8, 2000

Title of invention: Redundant Serial Bus and Method for the Operation Thereof

4. Application number(s) or patent number(s):

a. Patent Application No.:
b. Patent No.:

04/27/2000 UNWALKER 00000037 050877 09446320
02 FC:581 40.000000
5. Name and address of party to whom correspondence concerning document should be addressed:

Michael M. Rickin
ABB Automation Inc.
Legal Department - 4U6
29801 Euclid Avenue
Wickliffe, OH 44092

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):

☐ A check in the amount of \$_____ to cover the basic filing fee and the assignment recordal fee.

☒ Charge Deposit Account No. 05-0877 in the amount of \$40.00 to cover the assignment recordal fee.

8. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document

Valerie Renee Irby

Typed or Printed Name of Person Signing

Valerie Renee Irby

Signature

February 23, 2000

Date

Assistant Commissioner for Patents
Washington D.C. 20231

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Honorable Assistant Commissioner for Patents.

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

a. Wolfgang Jantzen

2. Name and address of receiving party(ies):

a. ABB PATENT GmbH
Kallstadter Strasse 1
D-68309 Mannheim
GERMANY

3. Nature of conveyance:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Other | |

Execution Date: February 8, 2000

Title of invention: Redundant Serial Bus and Method for the Operation Thereof

4. Application number(s) or patent number(s):

- a. Patent Application No.:
b. Patent No.:

5. Name and address of party to whom correspondence concerning document should be mailed:

Michael M. Rickin
ABB Automation Inc.
Legal Department - 4U6
29801 Euclid Avenue
Wickliffe, OH 44092

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):

☐ A check in the amount of \$_____ to cover the basic filing fee and the assignment recordal fee.

☒ Charge Deposit Account No. 05-0877 in the amount of \$40.00 to cover the assignment recordal fee.

8. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document

Valerie Renee Irby

Typed or Printed Name of Person Signing

Valerie Renee Irby

Signature

February 23, 2000

Date

Attorney Docket No.: Li- 71 472

ASSIGNMENT

THIS Assignment made the 8 day of February, 2000.

WITNESSETH:

Whereas, I Wolfgang Jantzen of Himmenweide 42, Minden 32425, (hereinafter referred to as "ASSIGNOR") have made an invention entitled **Redundant Serial Bus and Method For the Operation Thereof**; for which an International Application Serial No. PCT/DE98/01656 was filed on June 11, 1998, designating the United States of America ("International Application"), and for which Application Serial No. 09/446,320 was filed on December 17, 1999 in the United States Patent and Trademark Office ("U.S. Application"), and the ASSIGNOR is executing of even date herewith for the U.S. Application a Declaration for Utility Patent Application; and

WHEREAS, ABB PATENT GmbH ("ABB GmbH"), a corporation organized under the laws of GERMANY, and having an office at KALLSTADTER STRASSE 1, D-68309 MANNHEIM, GERMANY, is desirous of acquiring the entire right, title and interest in and to the invention, and any and all Letters Patent of the United States which shall be granted therefor from the U.S. Application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and of other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to ABB GmbH the ASSIGNOR'S entire right, title and interest, for the United States of America, its territories and possessions in said invention, including said U.S. Utility Application, all divisions and continuations thereof, and all letters patent and reissues thereof, issuing for said invention in the United States of America.

It is agreed the ASSIGNOR shall be legally bound, upon request and at the expense of ABB GmbH or its successors and assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of the invention, to testify in any legal proceeding relating thereto, to execute all instruments and do such other acts as may be necessary and proper to patent the invention in the United States of America in the name of ABB GmbH or its successors and assigns and to execute all instruments proper to carry out the intent of this Assignment.

ASSIGNOR hereby warrants that no assignment, sale agreement or encumbrance has been or will be made or entered into which will conflict with this Assignment.

ASSIGNOR hereby requests the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent of the United States in accordance with this Assignment.

If ASSIGNOR includes more than one person, these obligations shall apply to those persons individually and collectively.

IN WITNESS WHEREOF, this Assignment is executed on the day and year first above written.

ASSIGNOR:

Typed Name: Wolfgang Jantzen

Wolfgang Jantzen
Signature
John Smith
Signature

Witness as to ASSIGNOR:

Please type a plus sign (+) inside this box → ☐

PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input type="checkbox"/> Declaration Submitted with Initial Filing OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Attorney Docket Number	Li-71 472
	First Named Inventor	JANTZEN, Wolfgang
	COMPLETE IF KNOWN	
	Application Number	09 / 446,320
	Filing Date	12/17/1999
	Group Art Unit	
		Examiner Name

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Redundant Serial Bus and Method For the Operation Thereof

the specification of which (Title of the invention)

☐ is attached hereto
OR☒ was filed on (MM/DD/YYYY) 6/11/1998 as United States Application Number or PCT International

Application Number PCT/DE98/01656 and was amended on (MM/DD/YYYY) 11/25/1999 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
197 26 158.2	Germany	06/20/1997	<input type="checkbox"/>	YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
		<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →



PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number
→
Place Customer Number Bar Code Label here

☒ Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number
Michael M. Rickin	26,984		

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☐ Customer Number or Bar Code Label OR ☒ Correspondence address below

Name	Michael M. Rickin					
Address	ABB Automation Inc. - Legal Department					
Address	29801 Euclid Avenue					
City	Wickliffe	State	OH	ZIP	44092	
Country	U.S.A.	Telephone	(440) 585-7840		Fax	(440) 585-7578

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor: ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))		Family Name or Surname	
Wolfgang		Jantzen	
Inventor's Signature	Wolfgang Jantzen		Date
Residence: City	Minden	State	Country
			Germany
Post Office Address	Himmenweide 42		
Post Office Address	DE		
City	Minden	State	Country
			Germany
ZIP	32425		

☐ Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto